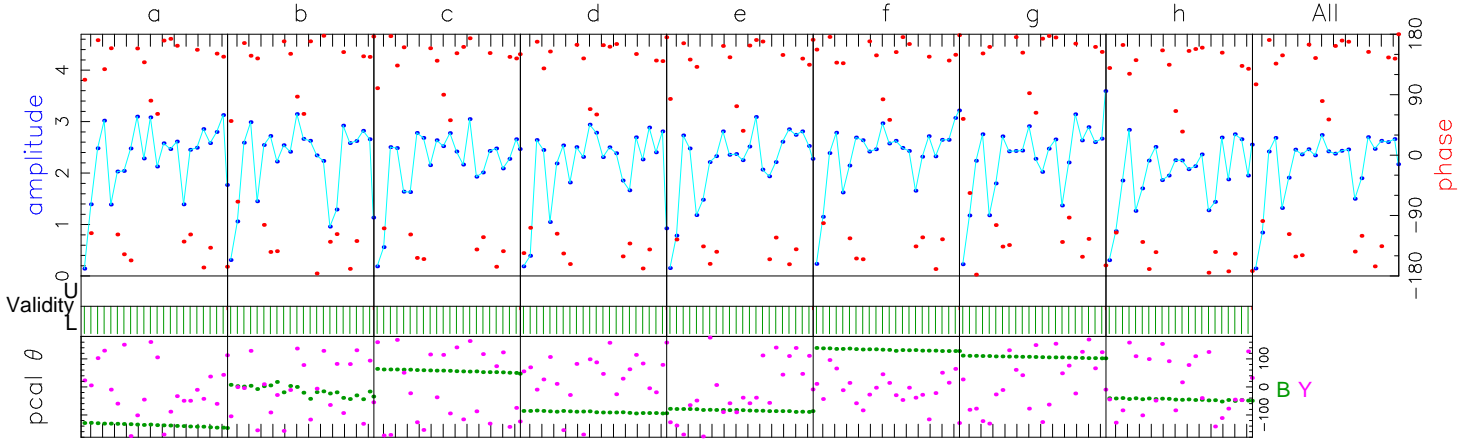


Fringe quality 5

SNR 80.4  
 Int time 704.875  
 Amp 1.567  
 Phase 170.4  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.012113  
 MBD 0.012837  
 Fringe rate (Hz)  
 -0.011684  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 1.000

Exp. c172a  
 Exper # 16383  
 Yr:day 2017:272  
 Start 050012.00  
 Stop 051200.00  
 FRT 050600.00  
 Corr/FF/build  
 2018:051:091303  
 2018:052:115010  
 2017:188:152524  
 RA & Dec (J2000)  
 03h19m48.1601s  
 +41°30'42.104"

Amp. and Phase vs. time for each freq., 23 segs, 32 APs / seg (32.00 sec / seg.), time ticks 60 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
U/L	0/708	0/708	0/708	0/708	0/708	0/708	0/708	0/708	170.9	170.4
B	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	1.7	1.5
Y	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	1.7	1.5
B:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	130.7	130.6
B:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	130.7	130.5
B	1000	1000	1000	1000	1000	1000	1000	1000	0/708	0/708
Y	1000	1000	1000	1000	1000	1000	1000	1000	0/708	0/708
B	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	130.2	130.2
Y	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	130.2	130.2
Group delay (usec)(sbd)		-9.89961404530E+02		Apriori delay (usec)	-9.89974241693E+02		Resid mbdelay (usec)	1.28372E-02	+/-	2.7E-05
Sband delay (usec)		-9.89962128693E+02		Apriori clock (usec)	2.2488764E+01		Resid sbdelay (usec)	1.21130E-02	+/-	2.1E-04
Phase delay (usec)		-9.89974236198E+02		Apriori clockrate (us/s)	-3.8300000E-07		Resid phdelay (usec)	5.49525E-06	+/-	4.6E-08
Delay rate (us/s)		-2.85833445268E-02		Apriori rate (us/s)	-2.85832088919E-02		Resid rate (us/s)	-1.35635E-07	+/-	1.1E-10
Total phase (deg)		105.8		Apriori accel (us/s/s)	1.45329308876E-05		Resid phase (deg)	170.4	+/-	1.4

ph/seg (deg) 50.9 3.4  
 amp/seg (%) 56.8 6.0  
 ph/frq (deg) 6.9 2.0  
 amp/frq (%) 5.3 3.5

RMS Theor. Amplitude 1.567 +/- 0.019  
 Search (2048X32) 1.521  
 Interp. 0.000  
 Inc. seg. avg. 2.172  
 Inc. frq. avg. 1.545

Group delay (usec)(sbd) -9.89961404530E+02  
 Sband delay (usec) -9.89962128693E+02  
 Phase delay (usec) -9.89974236198E+02  
 Delay rate (us/s) -2.85833445268E-02  
 Total phase (deg) 105.8

Apriori delay (usec) -9.89974241693E+02  
 Apriori clock (usec) 2.2488764E+01  
 Apriori clockrate (us/s) -3.8300000E-07  
 Apriori rate (us/s) -2.85832088919E-02  
 Apriori accel (us/s/s) 1.45329308876E-05

Resid mbdelay (usec) 1.28372E-02 +/- 2.7E-05  
 Resid sbdelay (usec) 1.21130E-02 +/- 2.1E-04  
 Resid phdelay (usec) 5.49525E-06 +/- 4.6E-08  
 Resid rate (us/s) -1.35635E-07 +/- 1.1E-10  
 Resid phase (deg) 170.4 +/- 1.4

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 Pcal rate: 0.000E+00, 0.000E+00 (us/s)  
 Bits/sample: 2x2 SampCntNorm: enabled  
 Sample rate(MSamp/s): 64  
 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite

sb window (us) -1.000 1.000  
 mb window (us) -0.016 0.016  
 dr window (ns/s) -0.006 0.006  
 ion window (TEC) 0.00 0.00

B: az 267.4 el 61.4 pa 57.9 Y: az 282.5 el 67.6 pa 83.1 u,v (fr/asec) 255.325 1818.674 simultaneous interpolator

Control file: cf\_1234 Input file: /Exps/c172a/v2\_v1\_merge/merged/3mm/1234/No0051/BY..zztpij Output file: /Exps/c172a/v2\_v1\_merge/merged/3mm/1234/No0051/BY.W.181.zztpij